

Converting Colors

XYZ(70.4773, 72.5119, 93.0539)

Have a look what the booklet for
XYZ(70.4773, 72.5119, 93.0539)
contains.

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Color

**XYZ(70.5348, 72.5377,
92.7217)**

Conversions

Conversions Part 1

Format	Color
Hex	DBDCF0
RGB	219, 220, 240
RGB Percent	86%, 86%, 94%
CMY	0.1412, 0.1372, 0.0588
CMYK	0.09, 0.08, 0.00, 0.06
HSL	237°, 41%, 90%
HSV	237°, 9%, 94%
XYZ	70.5348, 72.5377, 92.7217
YIQ	221.9810, -7.0160, 6.0080

Conversions

Conversions Part 2

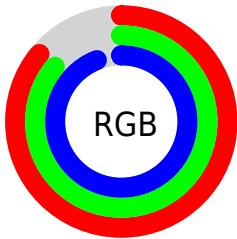
Format	Color
R _{YB}	219, 220, 240
Decimal	14408944
CIE Lab	88.23, 3.43, -9.87
CIE LCh	88, 10.447, 289.150
Yxy	72.5377, 0.2991, 0.3076
Android (android.graphics.Color)	4292599024 (0xFFDBDCF0)
YUV	221.9810, 8.8834, -2.6143
Hunter-Lab	85.1691, -1.2168, -4.9294

Details

The XYZ color **70.5348, 72.5377, 92.7217** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.5882, 85.3723, 79.3030**, and the grayscale version is **69.3623, 72.9746, 79.4693**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4167, 38.2635, 50.7609** is the 20% darker color. If you saturate the color by 10%, you get **58.2351, 57.8949, 90.5447**, and if you desaturate by 10%, it is **84.6997, 89.3632, 95.2239**.

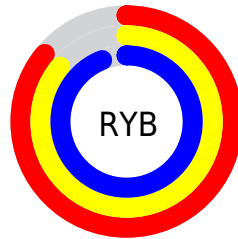
Distribution



Red (86%)

Green (86%)

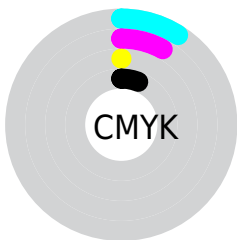
Blue (94%)



Red (86%)

Yellow (86%)

Blue (94%)

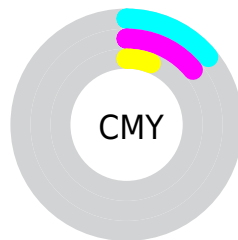


Cyan (9%)

Magenta (8%)

Yellow (0%)

Black (6%)



Cyan (14%)

Magenta (14%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.5348, 72.5377, 92.7217 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 70.5348, 72.5377, 92.7217 by changing the saturation by 10% instead.

■ 70.5348, 72.5377,
92.7217

■ 70.5348, 72.5377,
92.7217

451.6627,
469.4110, 557.6422

■ 52.2438, 53.5980,
69.6538

118.9932,
122.8207, 153.0816

■ 37.4245, 38.2804,
50.7693

149.8914,
154.9328, 191.2108

■ 25.7115, 26.2004,
35.6496

185.7226,
192.2045, 235.1974

■ 16.7395, 16.9736,
23.8762

226.8523,
235.0202, 285.4601

■ 10.1431, 10.2157,
15.0304

273.6458,
283.7643, 342.4174

■ 5.5569, 5.5422,
8.6939

326.4685,

■ 2.6157, 2.5688,

338.8212, 406.4878

4.4480

385.6857,
400.5753, 478.0899

■ 0.9539, 0.9110,
1.8742

■ 0.0000, 0.0000,
0.4762

■ 70.5348, 72.5377,
92.7217

■ 70.5348, 72.5377,
92.7217

■ 58.2351, 57.8949,
90.5447

■ 84.6997, 89.3632,
95.2239

■ 47.7169, 45.3365,
88.6751

■ 92.7284, 99.0714,
96.6746

■ 38.8994, 34.7707,
87.1004

■ 31.6932, 26.0949,
85.8056

■ 26.0009, 19.1977,
84.7744

■ 21.7143, 13.9556,
83.9885

■ 18.7110, 10.2298,
83.4276

■ 16.8474, 7.8583,
83.0681

■ 15.9273, 6.6335,
82.8802

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.0435, 72.5377, 93.2971



70.5348, 72.5377, 92.7217



72.6476, 72.5377, 88.3382

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.5348, 72.5377, 92.7217



72.1390, 72.5377, 69.0130



64.3281, 72.5377, 76.4165

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



70.5348, 72.5377, 92.7217



79.5882, 85.3723, 79.3030

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.3703, 72.5377, 70.3095



70.5348, 72.5377, 92.7217



69.8543, 72.5377, 66.2102

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.5348, 72.5377, 92.7217



73.5891, 72.5377, 74.5481



67.3791, 72.5377, 66.6700



64.5003, 72.5377, 83.5867

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.5348, 72.5377, 92.7217



73.5382, 72.5377, 83.9862



67.3791, 72.5377, 66.6700



64.5470, 72.5377, 74.1791

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



70.5369, 72.5408, 92.7233



90.0113, 94.0178, 108.0109



75.9474, 83.6106, 93.7594



18.9851, 19.7899, 23.0692



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.5369, 72.5408, 92.7233



79.0199, 80.9544, 106.0687



73.1989, 73.5234, 92.7727



14.9578, 15.3497, 19.8960



8.7050, 3.6343, 45.3706



0.7453, 0.3447, 3.7815

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



74.1867, 74.3572, 78.1559



83.7818, 83.3293, 87.0609



76.7575, 84.3501, 79.2549



15.8034, 15.7711, 16.5209



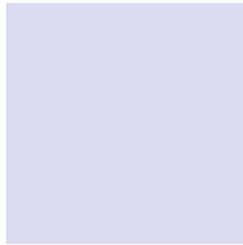
19.7195, 10.1602, 1.1736



1.6512, 0.8495, 0.1539

Previews

White Background



This preview shows how the XYZ color 70.5348, 72.5377, 92.7217 looks on a white background.

Color Contrast Check

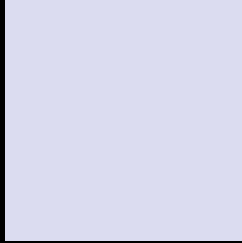
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 70.5348, 72.5377, 92.7217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

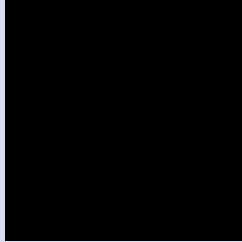
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.5348, 72.5377, 92.7217

Background



This preview shows how black text looks on a background with the XYZ color 70.5348, 72.5377, 92.7217.

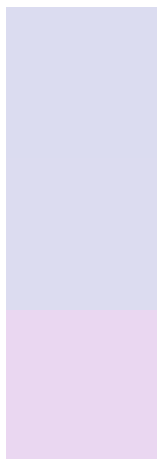


This preview shows how white text looks on a background with the XYZ color 70.5348, 72.5377,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

70.5348, 72.5377, 92.7217

Protanopia

70.8366, 72.6933, 92.7358

Deuteranopia

74.1093, 72.4442, 93.2962



Tritanopia

70.2392, 72.4195, 91.1653

Trichromacy



Original Color

70.5348, 72.5377, 92.7217

Protanomaly

70.8366, 72.6933, 92.7358

Deuteranomaly

73.0031, 72.6346, 93.3913

Tritanomaly

70.3866, 72.4785, 91.9413

Monochromacy



Original Color

70.5348, 72.5377, 92.7217

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.8181, 72.7422, 84.4896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.5348, 72.5377, 92.7217 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(219, 220, 240)` looks like.

```
.text, #text, p{  
    color:rgb(219, 220, 240)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(219, 220, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 220, 240) }
```

Border

The CSS property to change the border of an element to XYZ 70.5348, 72.5377, 92.7217 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 220, 240) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(219, 220, 240) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(219, 220, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 220, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 220, 240);  
box-shadow:4px 4px 4px 4px rgb(219, 220,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 70.5348, 72.5377, 92.7217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 220, 240) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(219,  
220, 240) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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